

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99123108_ZOOM.VLT
Start : 31-Dec-99 10:38:30 am End : 31-Dec-99 10:50:11 am

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGIC DUAL MODE PHONE
CHAN. 991 FM MODE 2 cm SPACING
+26.0 dBM CONDUCTED FLIP MODE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.500, Y = -5.750, Z = 0.000 (cm) Value = 18.212

Measured Values (volts) =
1.798E-002 1.592E-002 1.443E-002 1.305E-002 1.149E-002 9.954E-003
8.238E-003 6.306E-003 4.783E-003 3.387E-003 2.685E-003 2.585E-003
2.960E-003 3.689E-003 4.492E-003 5.060E-003 5.018E-003 4.146E-003
3.839E-003 4.359E-003 1.900E-003

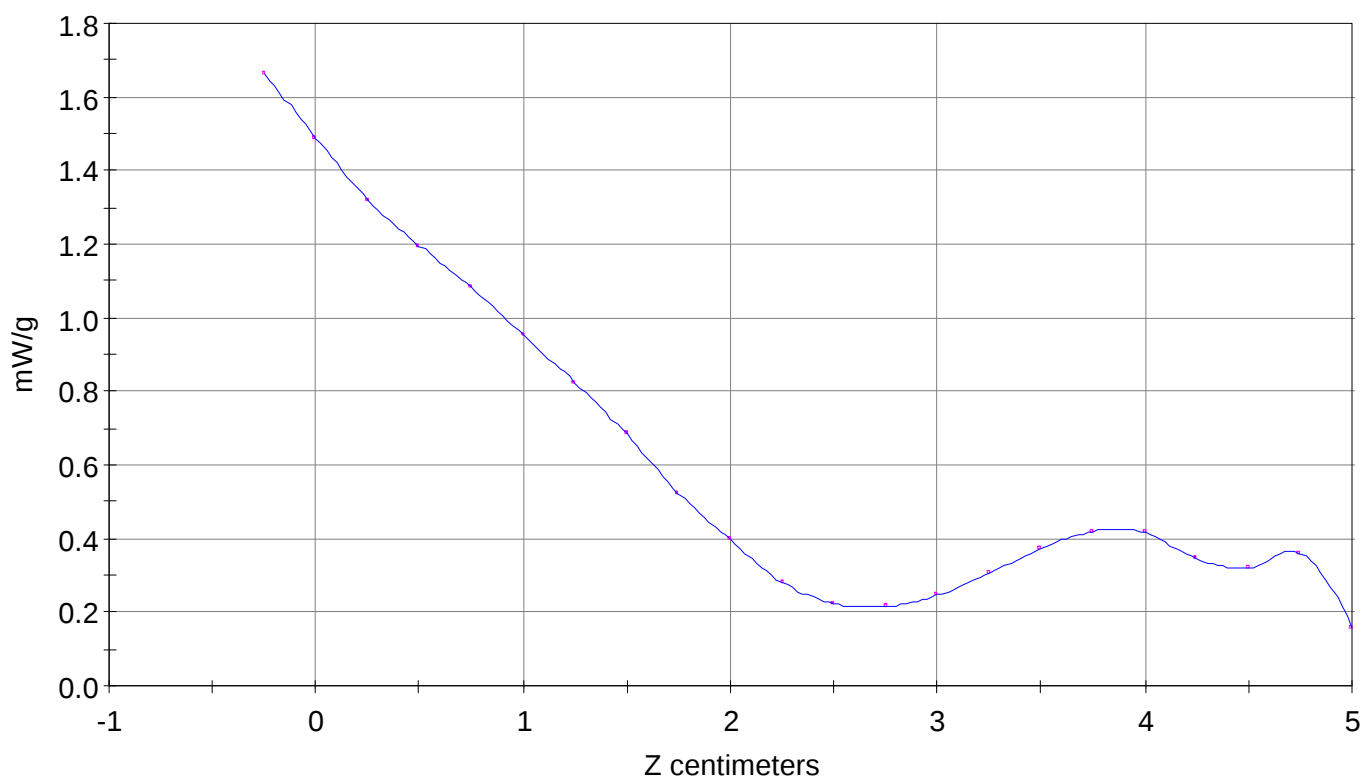
Calc. Voltage @ Surface (Vs) = 0.0201

Voltage @ 1.00 cm (Vt) = 0.0130

Ave. Voltage (Vs+Vt)/2 = 0.0166

Ave. SAR over 1 g (mW/g) = 1.3721

SAR Scan
File : 99123108_ZOOM
Start : 31-Dec-99 10:38:30 am End : 31-Dec-99 10:50:11 am
LGIC/LG-DM112/01;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99123109_ZOOM.VLT
Start : 31-Dec-99 10:54:52 am End : 31-Dec-99 11:06:48 am

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGIC DUAL MODE PHONE
CHAN. 991 FM MODE 2 cm SPACING
+26.0 dBM CONDUCTED FLIP MODE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.750, Y = -5.750, Z = 0.000 (cm) Value = 19.036

Measured Values (volts) =
1.898E-002 1.700E-002 1.518E-002 1.378E-002 1.211E-002 1.049E-002
8.473E-003 6.629E-003 4.890E-003 3.682E-003 2.924E-003 2.856E-003
3.306E-003 4.025E-003 4.824E-003 5.323E-003 5.180E-003 4.084E-003
4.061E-003 4.651E-003 1.988E-003

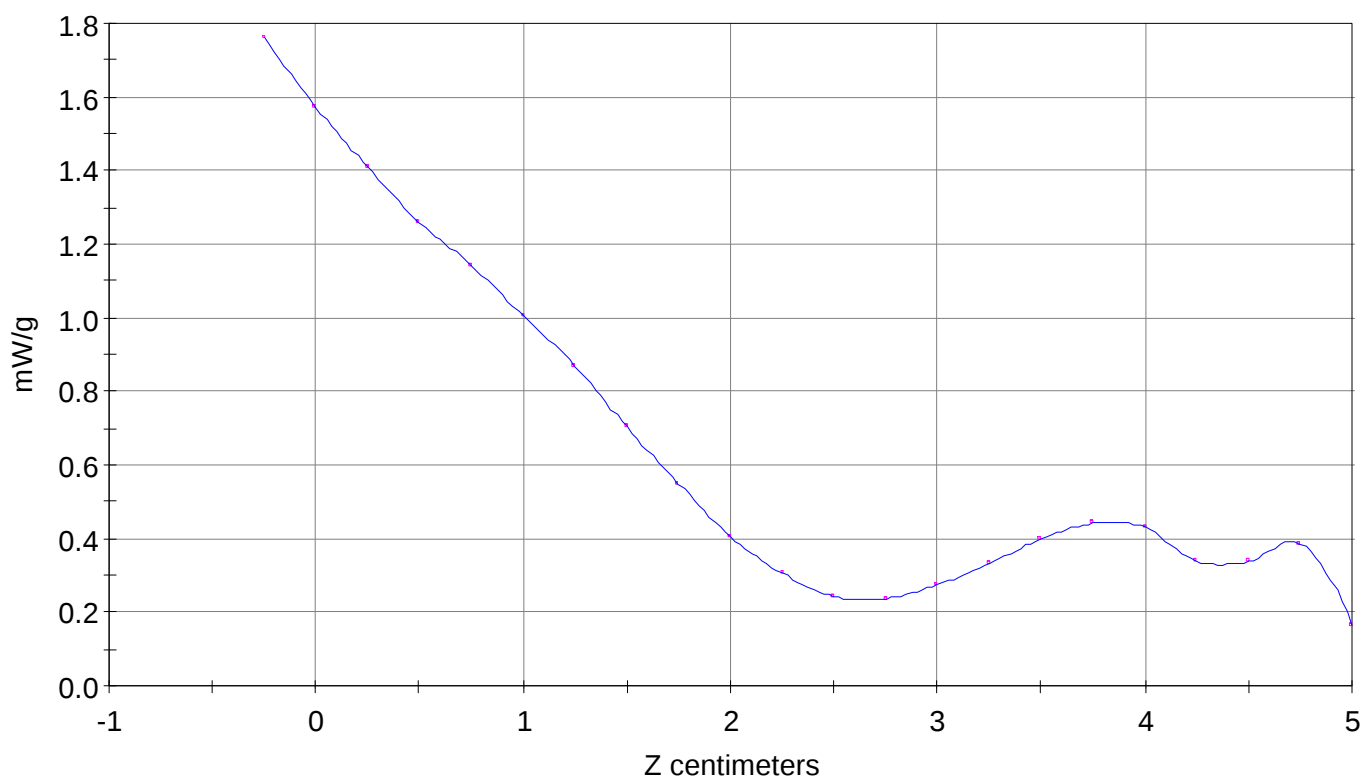
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0138

Ave. Voltage (Vs+Vt)/2 = 0.0175

Ave. SAR over 1 g (mW/g) = 1.4502

SAR Scan
File : 99123109_ZOOM
Start : 31-Dec-99 10:54:52 am End : 31-Dec-99 11:06:48 am
LGIC/LG-DM112/01;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99123107_ZOOM.VLT
Start : 31-Dec-99 10:28:21 am End : 31-Dec-99 10:34:21 am

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGIC DUAL MODE PHONE
CHAN. 383 FM MODE 2 cm SPACING
+26.0 dBM CONDUCTED FLIP MODE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.750, Y = -5.750, Z = 0.000 (cm) Value = 18.773

Measured Values (volts) =
1.856E-002 1.663E-002 1.502E-002 1.341E-002 1.190E-002 1.013E-002
8.445E-003 6.542E-003 4.853E-003 3.632E-003 2.929E-003 2.826E-003
3.268E-003 3.952E-003 4.772E-003 5.269E-003 5.104E-003 4.106E-003
4.097E-003 4.566E-003 1.955E-003

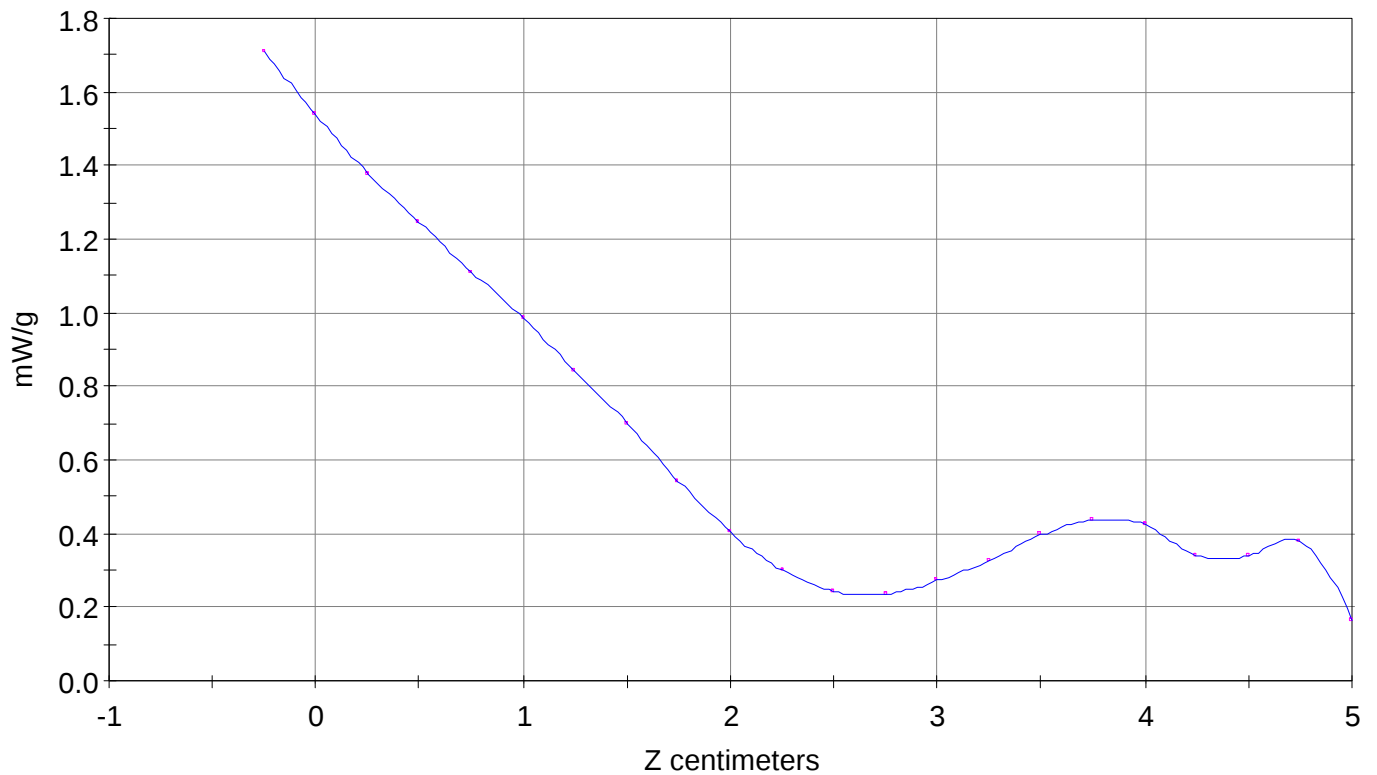
Calc. Voltage @ Surface (Vs) = 0.0206

Voltage @ 1.00 cm (Vt) = 0.0134

Ave. Voltage (Vs+Vt)/2 = 0.0170

Ave. SAR over 1 g (mW/g) = 1.4101

SAR Scan
File : 99123107_ZOOM
Start : 31-Dec-99 10:28:21 am End : 31-Dec-99 10:34:21 am
LGIC/LG-DM112/01;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99123113_ZOOM.VLT
Start : 31-Dec-99 11:43:44 am End : 31-Dec-99 11:49:41 am

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGIC DUAL MODE PHONE
CHAN. 991 FM MODE 2 cm SPACING
+26.0 dBM CONDUCTED FLIP MODE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.500, Y = -5.750, Z = 0.000 (cm) Value = 19.119

Measured Values (volts) =
1.894E-002 1.686E-002 1.507E-002 1.392E-002 1.236E-002 1.052E-002
8.874E-003 6.773E-003 5.087E-003 3.743E-003 2.906E-003 2.788E-003
3.168E-003 4.105E-003 4.910E-003 5.569E-003 5.558E-003 4.634E-003
4.589E-003 5.332E-003 2.331E-003

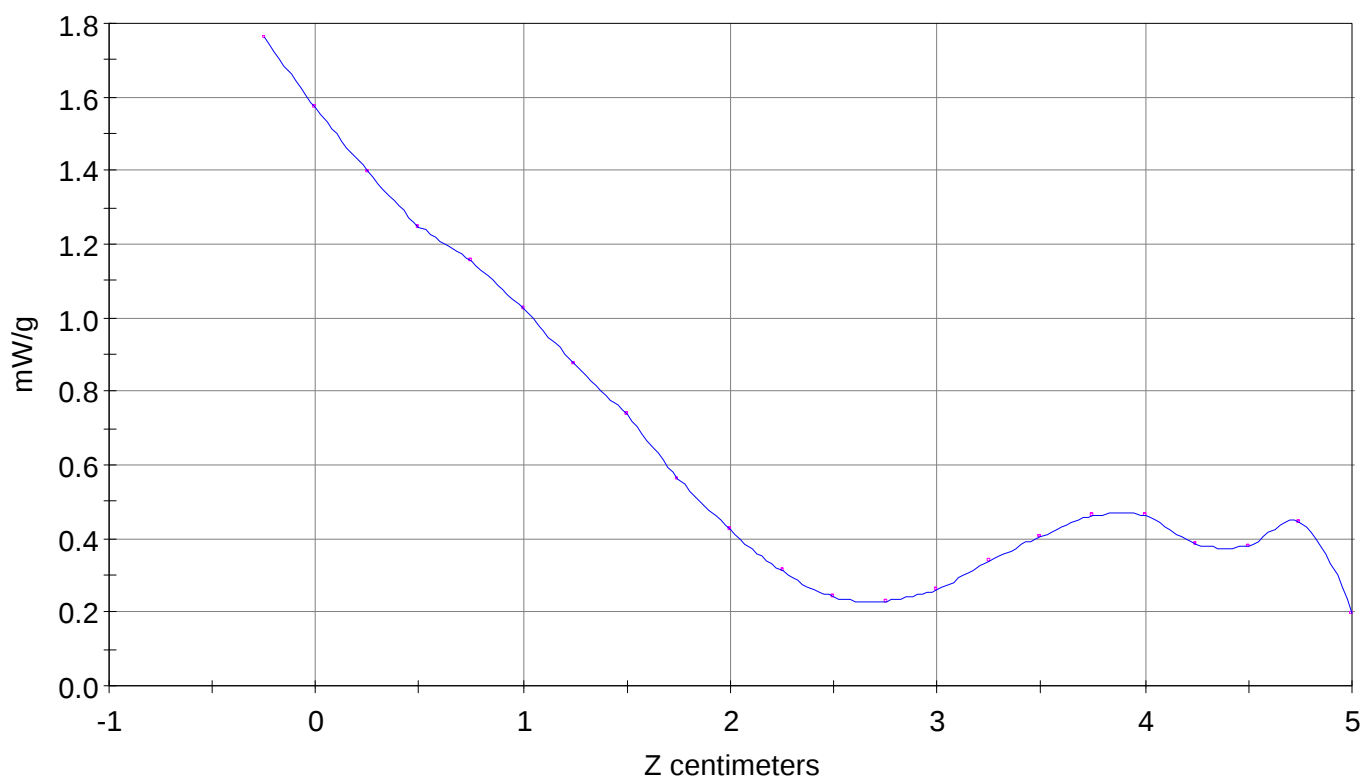
Calc. Voltage @ Surface (Vs) = 0.0212

Voltage @ 1.00 cm (Vt) = 0.0139

Ave. Voltage (Vs+Vt)/2 = 0.0176

Ave. SAR over 1 g (mW/g) = 1.4562

SAR Scan
File : 99123113_ZOOM
Start : 31-Dec-99 11:43:44 am End : 31-Dec-99 11:49:41 am
LGIC/LG-DM112/01;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

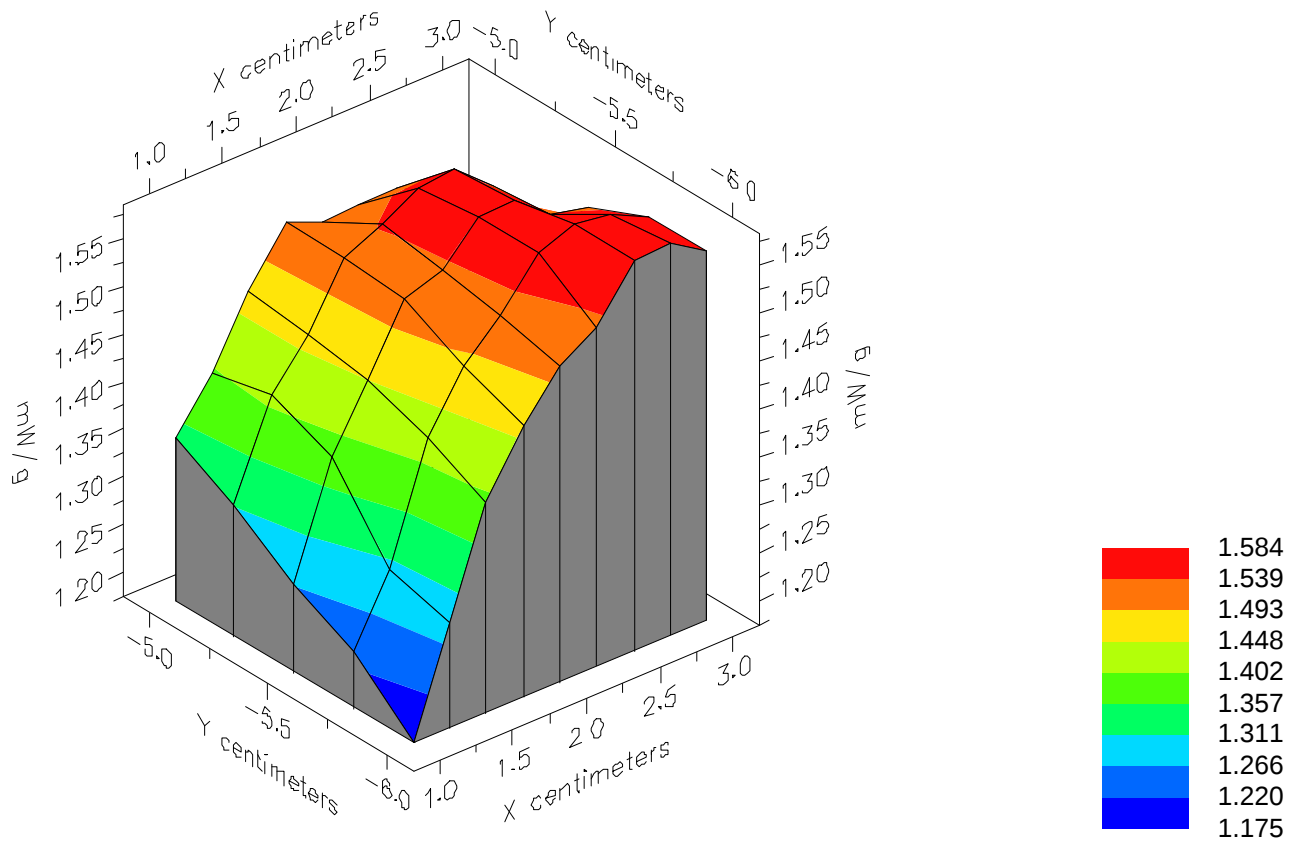


File : 99123113_ZOOM

Start : 31-Dec-99 11:43:44 am End : 31-Dec-99 11:49:41 am

LGIC/LG-DM112/01;836.49MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

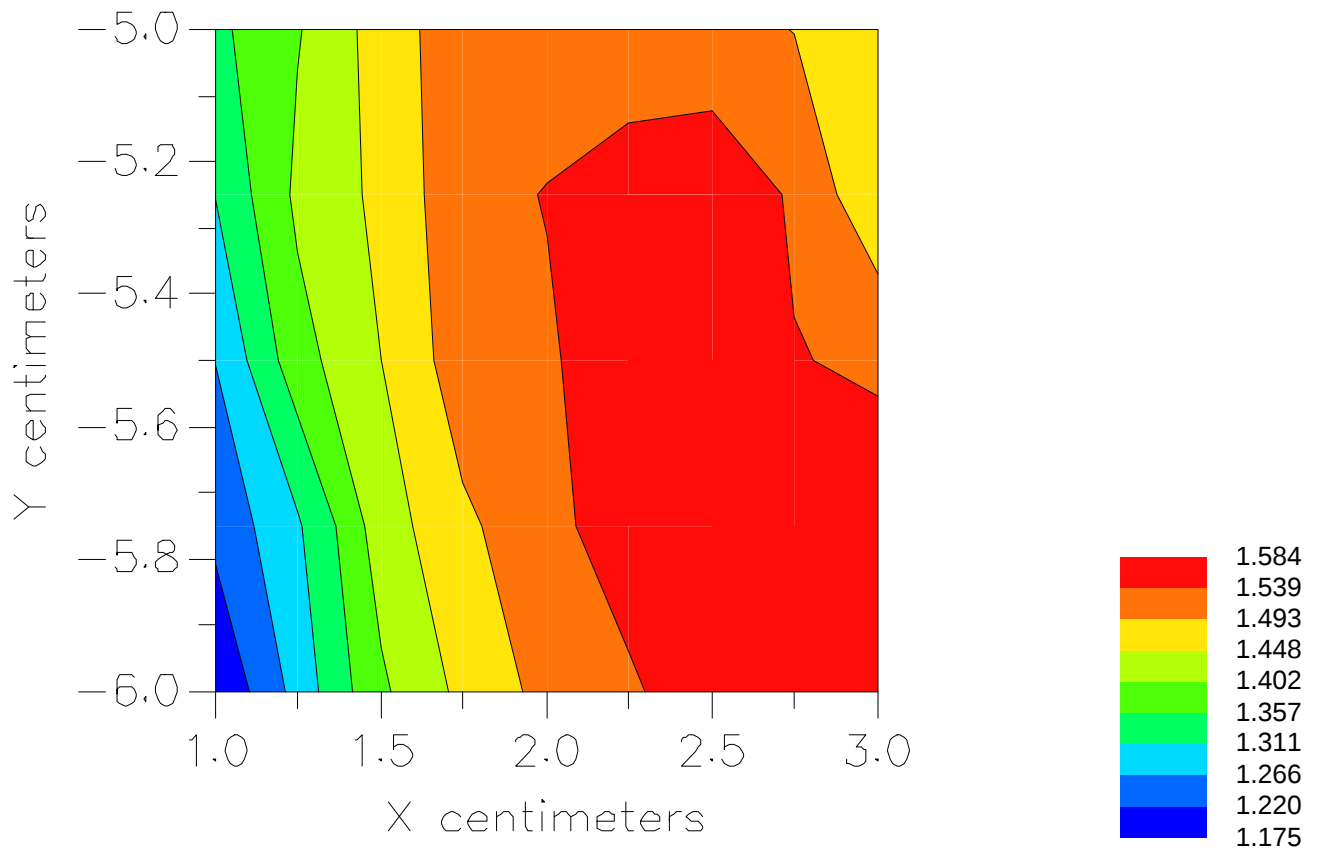


File : 99123113_ZOOM

Start : 31-Dec-99 11:43:44 am End : 31-Dec-99 11:49:41 am

LGIC/LG-DM112/01;836.49MHz;W;Helical/Out;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99123115_ZOOM.VLT
Start : 31-Dec-99 12:03:43 pm End : 31-Dec-99 12:15:46 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGIC DUAL MODE PHONE
CHAN. 799 FM MODE 2 cm SPACING
+26.0 dBM CONDUCTED FLIP MODE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.250, Y = -5.500, Z = 0.000 (cm) Value = 17.604

Measured Values (volts) =
1.733E-002 1.571E-002 1.422E-002 1.289E-002 1.183E-002 1.039E-002
8.658E-003 6.864E-003 5.232E-003 3.668E-003 2.764E-003 2.376E-003
2.557E-003 3.187E-003 4.073E-003 4.840E-003 5.116E-003 4.500E-003
3.842E-003 4.221E-003 1.990E-003

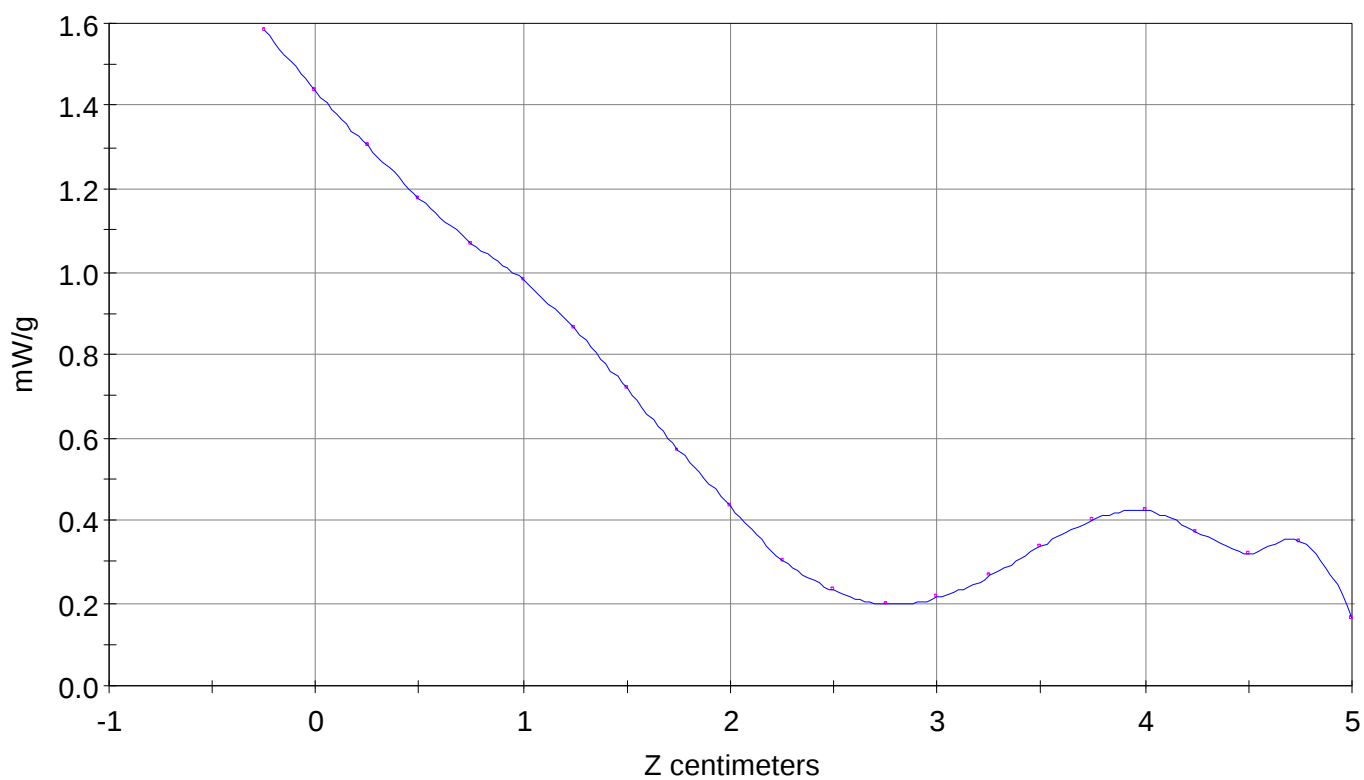
Calc. Voltage @ Surface (Vs) = 0.0191

Voltage @ 1.00 cm (Vt) = 0.0129

Ave. Voltage (Vs+Vt)/2 = 0.0160

Ave. SAR over 1 g (mW/g) = 1.3268

SAR Scan
File : 99123115_ZOOM
Start : 31-Dec-99 12:03:43 pm End : 31-Dec-99 12:15:46 pm
LGIC/LG-DM112/01;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/99123114_ZOOM.VLT
Start : 31-Dec-99 11:50:49 am End : 31-Dec-99 12:02:48 pm

Radio Type : LGIC LG-DM112
FCC ID : FFMDM112
Serial Number : 01
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.400 W
Start Trans. Pwr: 0.400 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
LGIC DUAL MODE PHONE
CHAN. 799 FM MODE 2 cm SPACING
+26.0 dBM CONDUCTED FLIP MODE

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.895

PCTEST Amplifier Channel Settings : 0.168 0.136 0.132

Max Location : X = 2.500, Y = -5.250, Z = 0.000 (cm) Value = 17.382

Measured Values (volts) =
1.704E-002 1.537E-002 1.420E-002 1.270E-002 1.154E-002 1.016E-002
8.485E-003 6.828E-003 5.083E-003 3.720E-003 2.767E-003 2.415E-003
2.577E-003 3.178E-003 4.034E-003 4.808E-003 5.075E-003 4.430E-003
3.828E-003 4.346E-003 2.163E-003

Calc. Voltage @ Surface (Vs) = 0.0187

Voltage @ 1.00 cm (Vt) = 0.0127

Ave. Voltage (Vs+Vt)/2 = 0.0157

Ave. SAR over 1 g (mW/g) = 1.2992

SAR Scan
File : 99123114_ZOOM
Start : 31-Dec-99 11:50:49 am End : 31-Dec-99 12:02:48 pm
LGIC/LG-DM112/01;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

